

Claims

1. Device (1) for sealingly enclosing at least one optical circuit (10), the device comprising a container (3) and a humidity control means (4) accommodated in the container (3),
5 **characterised** by temperature control means (5, 6) arranged in the container (3).
2. Device according to claim 1, wherein the container (3) is substantially flexible.
- 10 3. Device according to claim 1, wherein the container (3) is substantially rigid.
4. Device according to claim 1, 2 or 3, wherein the temperature control means (5) are accommodated in a wall (7) of the container (3).
- 15 5. Device according to any of the preceding claims, wherein the temperature control means (6) are accommodated in a space (2) defined by the container (3).
6. Device according to claim 5, wherein the temperature control means (6) are accommodated between the at least one optical component (1) and a humidity
20 control means (4).
7. Device according to any of the preceding claims, wherein the temperature control means (5, 6) comprise an active temperature controller.
- 25 8. Device according to any of the preceding claims, wherein the temperature control means (5, 6) comprise a heat sink.
9. Device according to any of the preceding claims, wherein the container (3) comprises a heat insulating layer (8) and a moisture barrier layer (9).
- 30 10. Device according to any of the preceding claims, having an opening (11) for feeding optical fibres (12) therethrough, said opening being sealed by sealing strips

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(13) to which heat and/or pressure is applied, said sealing strips preferably being made of plastic.

11. Device according to any of the preceding claims, wherein at least one optical circuit (10) is accommodated, said circuit preferably comprising active and/or passive optical components.*

12. Device according to any of the preceding claims, wherein the at least one optical circuit (10) consists of a single optical component.

13. Kit-of-parts for forming a device (1) according to any of the preceding claims.

14. Method of sealingly enclosing at least one optical circuit (10), the method comprising the steps of:

- providing a container (3);
- providing a humidity control means (4);
- providing a temperature control means (5, 6); and
- accommodating the at least one circuit (10), the humidity control means (4) and the temperature control means (5, 6) in the container.

15. Method according to claim 14, wherein the temperature control means (5, 6) is pre-installed in the container (3).

16. Method according to claim 14 or 15, wherein the temperature control means (5, 6) comprises a heat sink.

17. Method according to claim 14, 15 or 16, wherein the container is substantially flexible.

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